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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/777,725	02/05/2001	Timothy M. Swager	M0925/7086 (TJO)	M0925/7086 (TJO) 6084		
7590 03/11/2005		EXAMINER				
Timothy J. Oyer			RILEY,	RILEY, JEZIA		
Wolf, Greenfiel	ld & Sacks, P.C.		, ,	<u> </u>		
600 Atlantic Av	venue	ART UNIT	PAPER NUMBER			
Boston, MA)2210	1637				
		DATE MAILED: 03/11/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.		Applicant(s)				
Office Action Summary		09/777,725		SWAGER, TIMOTHY	M.			
		Examiner	-	Art Unit				
		Jezia Riley		1637	1			
Period fo	The MAILING DATE of this communication apported in the property of the plant of the property of the propert	pears on the cover	r sheet with the c	orrespondence addres	is			
THE - External form of the - If NO - Failur Any of the - If NO - Failur Any of the - If NO - I	ORTENED STATUTORY PERIOD FOR REPL MAILING DATE OF THIS COMMUNICATION. nsions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a reply period for reply is specified above, the maximum statutory period re to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailined patent term adjustment. See 37 CFR 1.704(b).	136(a). In no event, howe ly within the statutory mir will apply and will expire e, cause the application to	ever, may a reply be tim nimum of thirty (30) days SIX (6) MONTHS from to become ABANDONEI	ely filed s will be considered timely. the mailing date of this commu O (35 U.S.C. § 133).	inication.			
Status								
1)⊠	Responsive to communication(s) filed on 27 E	ecember 2004.						
· <u></u>	This action is FINAL . 2b) ☐ This action is non-final.							
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Dispositi	ion of Claims							
5)□ 6)□ 7)⊠	Claim(s) 1-3 and 106-109 is/are pending in the 4a) Of the above claim(s) is/are withdra Claim(s) is/are allowed. Claim(s) 1-3 is/are rejected. Claim(s) 106-109 is/are objected to. Claim(s) are subject to restriction and/or	wn from consider			·			
Applicati	ion Papers							
9)[]	The specification is objected to by the Examine	er.						
10)	The drawing(s) filed on is/are: a) acc	cepted or b) 🔲 obj	ected to by the E	Examiner.				
	Applicant may not request that any objection to the	drawing(s) be held	in abeyance. See	e 37 CFR 1.85(a).				
11)	Replacement drawing sheet(s) including the correct The oath or declaration is objected to by the Ex	•			• •			
Priority ι	under 35 U.S.C. § 119							
a)l	Acknowledgment is made of a claim for foreign All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureasee the attached detailed Office action for a list	ts have been rece ts have been rece rity documents ha u (PCT Rule 17.2	eived. eived in Applicati ave been receive (a)).	on No ed in this National Stag	ge			
Attachmen	t(s)							
1) D Notic	e of References Cited (PTO-892)	4) 🔲	Interview Summary					
3) 🔲 Infori	e of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) r No(s)/Mail Date		Paper No(s)/Mail Da Notice of Informal P Other:	ite atent Application (PTO-152	?)			

Application/Control Number: 09/777,725

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DETAILED ACTION

Response to Remarks

1. Applicants' arguments, filed on 12/27/04, have been approved and entered. They have been fully considered. Rejections and/or objections not reiterated from previous office actions are hereby withdrawn. The following rejections and/or objections are either newly applied or reiterated. They constitute the complete set presently being applied to the instant application.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 3. Claim 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Swager (Acc. Chem. Res. 1998, 31, 201-207 cited in the PTO-1449).

Swager discloses chemosensor as a molecular device to detect specific molecule or class of molecules. Page 205 shows that the binding of viologen dications 7 to macrocyle-containing polymers 8 and 9, resulted in attenuated conductivities; therefore polymers 8 and 9 are viewed as the insulating dielectric surrounding viologen dications and therefore viologen 7 is viewed as the nanoscopic pathway. Figures 5 and 6 show the viologen surrounded by the polymers. (pages 205-206).

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4. Claims 106-109 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for response to this final action is set to expire THREE MONTHS from the date of this action. In the event a first response is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event will the statutory period for response expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jezia Riley whose telephone number is 571-272-0786. The examiner can normally be reached on 9:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gary Benzion can be reached on 571-272-0782. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wednesday, March 02, 2005

PRIMARY EXAMINER